Cabell County, West Virginia
Table J1b.--Physical Properties of the Soils

(Entries under "Erosion factors--T" apply to the entire profile. Entries under "Wind erodibility group" and "Wind erodibility index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.)

Print date: 05/17/2002

											on fac		Wind	
	Depth	Sand	Silt	Clay		Permea-	Available		Organic	·			erodi-	
and soil name		1 1			bulk	bility	water		matter				bility	
					density	(Ksat)	capacity	bility		Kw	Kf	T	group	index
	In	 Pct	 Pct	Pct	 g/cc	In/hr	-¦ In/in	Pct	Pct	¦	'	' 	' 	
AgC:													1	
Agc: Alleghenv	0-8	1 23-521	20_50	15_27	 1.20-1.40	0.6-2	10.12-0.22	1 0 0-2 0	1 1.0-4.0	1 33	1 .32	I I 4	l 	I 56
Allegheny	8-30	23-32	20-30 		11.20-1.40	0.6-2	10.13-0.18		1	1 .28	1 .28	4		1 20
	30-50		 		11.20-1.40	0.6-2	10.08-0.17		1	1 .28				
AhC:							Į.						1	
Allegheny	0-8	1 23-521	20_50	15_27	 1.20-1.40	0.6-2	10.12-0.22	1 0 0-2 0	1 1.0-4.0	1 .32	1 .32	I I 4	l 	I 56
Allegheny	8-30	23-32	20-30 		11.20-1.40	0.6-2	10.13-0.18		1	1 .28	1 .28	1 4		1 20
	30-50		 		11.20-1.40	0.6-2	10.08-0.17				1 .28	 	1	1
	30-30			10-33	1.20-1.40	0.0-2	10.08-0.17	0.0-2.9		.20	.20			
Urban Land	0-6													
Other Soils												 		
AsA:			 								 	 	 	
Ashton	0-10	0-50	50-83	10-25	1.20-1.40	0.6-2	0.16-0.23	0.0-2.9	2.0-4.0	1.32	.32	5		56
j	10-50			18-34	11.20-1.50	0.6-2	10.18-0.23	0.0-2.9		1.43	1.43	l	İ	İ
	50-65	i i		10-40	1.25-1.55	0.6-2	0.14-0.20	0.0-2.9		.43	.43		İ	İ
Melvin												 		
AsB:		 			 					1	 	 	 	
Ashton	0-10	0-501	50-83	10-25	1.20-1.40	0.6-2	0.16-0.23	0.0-2.9	2.0-4.0	1.32	.32	I 5	·	I 56
	10-50	i i			1.20-1.50	0.6-2	0.18-0.23	0.0-2.9		1.43	1.43	İ	i	i
İ	50-65	i i	i i	10-40	1.25-1.55	0.6-2	0.14-0.20			1.43	.43	İ	i	İ
Melvin												 		
Ca:		 	 				l I		 	1	 	 	 	
Chagrin	0-8	0-50	50-83	10-27	1.20-1.40	0.6-2	0.20-0.24	0.0-2.9	2.0-4.0	i .32	.32	I 5	I 5	I 56
	8-41	i i		18-30	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9		1.32	.37	İ	i	i
	41-65	i i	i		1.20-1.40	0.6-2	0.08-0.20	0.0-2.9		1.32	.43	İ	į	į
Melvin		 										 	 	
Cq:		 	 				l I		1	1	I I	l I	 	
Chagrin	0-8	1 23-521	 28-50	10-27	11.20-1.40	0.6-2	10.20-0.24	0.0-2.9	1 2.0-4.0	1 .32	1 .32	1 5	1 5	I 56
	8-41		20 30 		11.20-1.50	0.6-2	0.14-0.20		1	1 .32				1
	41-65	i i	 		1.20-1.40	0.6-2	10.08-0.20		1	1.32			İ	
Melvin			 ===									 	 	
LICT A TII	 						1	1	-	1		_	-	

Table Jlb.--Physical Properties of the Soils--Continued

Map symbol	Depth	Sand		Clay		Permea-	 Available		Organic	i	on fac		erodi-	Wind erodi-
and soil name 		 			bulk density	bility (Ksat)	water capacity				 Kf		bility group	bility index
	In	Pct	 Pct	Pct	g/cc	In/hr	In/in	Pct	Pct	¦		¦		!
Cm:		 			 	 			 					
Chagrin	0-8 8-41	0-50	50-83		1.20-1.40 11.20-1.50	•	0.20-0.24		2.0-4.0	1.32	1.32	5	5	56
	41-65				1.20-1.30		0.14-0.20				1 .43			
Other Soils					 	 		 						
Melvin	0-9	 0-50	50-83		1.20-1.60		0.18-0.23		0.5-3.0	1 .43	1 .43	 5		56
 	9-27 27-65		 		1.30-1.60 1.40-1.70		0.18-0.23			.43	.43	 		
oB:		 	 		 	 			 			 		
Coolville	0-8	0-50	50-83		1.30-1.50		0.18-0.22		1.0-3.0	1.43	.43	3	6	48
	8-25 25-55				1.40-1.65 1.50-1.70	•	0.16-0.19			1 .43	1.49			
	55-60					0.00-0.2								
tB:		 			 	 			 			 		
Cotaco	0-15 15-45	0-50	50-83		1.20-1.40 1.20-1.50		0.12-0.20		0.5-4.0	1 .37	1 .43	3		56
	45-65				1.20-1.50		0.07-0.15		1	1 .28				
oD:		 			 	 			 			 		
Dormont	0-6 6-51	0-50	50-83	-	1.20-1.40		0.16-0.20		2.0-4.0	1 .43	1.43	3		56
	51-65				1.30-1.60		0.14-0.18			1 .28				
lC:		 			 	 			 			 		
Gilpin	0-9 9-14	0-50	50-83	-	1.20-1.40 1.20-1.50		0.12-0.18		0.5-4.0	1.32	1.32	3		
 	14-38		 		11.20-1.50		10.08-0.12				1 .32	 	1	1
 	38-42					0.0000-0.2	i		i	i	i	i I	į į	İ
;lD:	0-9	0-50		15 07	 1.20-1.40	 0.6-2	10.12-0.18		0.5-4.0	1 .32	1 . 32			
GIIPIN	9-14	0-30	30-63 		11.20-1.40		10.12-0.16		1 0.3-4.0	1 .24	1 .28	3 		
j	14-38	i i			1.20-1.50		0.08-0.12		·	.24	1.32	i	i	i
 	38-42		 		 	10.0000-0.2		 	 			 	 	
lE: Gilpin	0-9	0-50	 50-83	15-27	 1.20-1.40	 0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	1 .32	 .32	3		
0115111	9-14			-	1.20-1.40		0.12-0.16			1 .24	1 .28			
· ·	14-38		ı i	15-35	1.20-1.50		0.08-0.12	0.0-2.9	·		.32		1	1
	38-42					0.0000-0.2							1	1

Table Jlb.--Physical Properties of the Soils--Continued

and soil name	.32 .28 .32 .32 .28 .32 			/ bility index -
In Pet Pet Pet g/cc In/hr In/in Pet Pet Pet Pet Gilpin	.32 .28 .32 	 	group 	Index
GpF: Gilpin	.28 .32 	 	 	
Gilpin	.28 .32 	 3 3 1 3 3 1	 	
8-14 18-35 1.20-1.50 0.6-2	.28 .32 	3 3 	 	
14-38 15-35 1.20-1.50 0.6-2 0.08-0.12 0.0-2.9 .24 38-42 0.0000-0.2 .24	.32 .32 .28 .32 	 	 	
GuC: Gilpin	.32 .28 .32 	 	 	
GuC: Gilpin	.28 .32 	 3 3	 	
Gilpin	.28 .32 	 3 3	 	
9-14 18-35 1.20-1.50 0.6-2 0.12-0.16 0.0-2.9 .24 14-38 15-35 1.20-1.50 0.6-2 0.08-0.12 0.0-2.9 .24 38-42 0.0000-0.2	.28 .32 	3 3	 	
14-38 15-35 1.20-1.50 0.6-2 0.08-0.12 0.0-2.9 .24 38-42 0.0000-0.2	.32	 3	 	
Upshur	.37	 3	 	
Upshur	.32	 3		
5-29 40-55 1.30-1.60 0.06-0.2 0.10-0.14 6.0-8.9 .32 29-43 27-45 1.30-1.60 0.06-0.2	.32	3	1	
29-43 27-45 1.30-1.60 0.06-0.2 0.08-0.12 3.0-5.9 .32				38
Other Soils	.32		1	
Other Soils			1	
GuC3:				
Gilpin				
9-14 18-35 1.20-1.50 0.6-2 0.12-0.16 0.0-2.9 .24				
14-38 15-35 1.20-1.50 0.6-2 0.08-0.12 0.0-2.9 .24 38-42 0.0000-0.2	.32	3		
38-42 0.0000-0.2	.28		1	
Upshur	.32			
5-29 40-55 1.30-1.60 0.06-0.2 0.10-0.14 6.0-8.9 .32 29-43 27-45 1.30-1.60 0.06-0.2 0.08-0.12 3.0-5.9 .32		 		
29-43 27-45 1.30-1.60 0.06-0.2	.32	2	i	86
1 1	.32		1	
43-47 0.0000-0.2	.32		1	
Other Soils		 		
GuD:		 	1	
Gilpin 0-9 0-50 50-83 15-27 1.20-1.40 0.6-2 0.12-0.18 0.0-2.9 0.5-4.0 .32	.32	3	i	i
9-14 18-35 1.20-1.50 0.6-2	.28	ĺ	İ	j
14-38 15-35 1.20-1.50 0.6-2	.32			
38-42 0.0000-0.2				
Upshur 0-5 0-20 40-73 27-35 1.20-1.50 0.2-0.6 0.12-0.16 3.0-5.9 0.5-3.0 .37	.37	3		38
5-29 40-55 1.30-1.60 0.06-0.2	.32			1
29-43 27-45 1.30-1.60 0.06-0.2	.32			1
43-47 0.0000-0.2		ļ	1	1
Other Soils		 	.	
			i	İ

Table Jlb.--Physical Properties of the Soils--Continued

Map symbol	 Depth	 Sand	 Silt	Clay		 Permea-	 Available	'	 Organic	i	on fac		erodi=	
and soil name					bulk	bility	water							bility
					density	(Ksat)	capacity	bility		Kw	Kf	T	group	index
	In	Pct	Pct	Pct	 g/cc	 In/hr	-	Pct	Pct	¦			' 	
GuD3:			 		 	 	l I	 	 		 	 	 	
Gilpin	0-9	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3		i
	9-14			18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24				
	14-38			15-35	1.20-1.50		0.08-0.12	0.0-2.9			.32			
	38-42					0.0000-0.2							 	
Upshur	0-5	0-20	40-60	40-50	1.30-1.50	0.2-0.6	0.12-0.16	6.0-8.9	0.5-2.0	.32	.32	2		86
	5-29				1.30-1.60		0.10-0.14	, 0.0 0.3		1.32	.32			
	29-43				1.30-1.60		0.08-0.12	3.0-5.9		1.32				
	43-47				 	10.0000-0.2		 				 	 	
Other Soils		i i					i		i	i	i			
GuE:			 		 	 	i	 					! 	
Gilpin		0-50			1.20-1.40		0.12-0.18		0.5-4.0	1.32	.32	3		
	9-14				11.20-1.50		0.12-0.16			1.24	.28			
	14-38 38-42			15-35	1.20-1.50	0.6-2 0.0000-0.2	0.08-0.12	0.0-2.9		.24	.32			
	38-42		 		 	0.0000-0.2							 	
Other Soils														
Upshur	0-5	0-20	40-73	27-35	1.20-1.50	0.2-0.6	0.12-0.16	3.0-5.9	0.5-3.0	1.37	.37	3		38
	5-29				1.30-1.60		0.10-0.14			1.32				
	29-43			27-45	1.30-1.60		0.08-0.12	3.0-5.9		1.32	.32			
	43-47		 		 	10.0000-0.2		 				 	 	
GuE3:		i i	i i		I	I	i	i I	i	i	İ	i	İ	İ
Gilpin			50-83		11.20-1.40		0.12-0.18		0.5-4.0	1 .32	1.32	3		
	9-14 14-38				11.20-1.50		0.12-0.16 0.08-0.12				1 .28		1	
	38-42			13-33		10.0000-0.2		0.0-2.9					 	
Other Soils		i			 	 	<u> </u>	 		į		 	 	
Other Soirs			 		! 	 	i	 		i		i	i I	
Upshur		0-20			1.30-1.50		0.12-0.16		0.5-2.0	1.32	.32	2		86
	5-29				1.30-1.60		0.10-0.14			1.32	.32			
	29-43 43-47			27-45	1.30-1.60	0.06-0.2 0.0000-0.2	0.08-0.12	3.0-5.9		1.32	.32			
	43-47				 	10.0000-0.2		 				 	l I	
GuF:		i	' ' 				i	' 	i	i	i	i	i İ	İ
Gilpin					1.20-1.40		0.12-0.18		0.5-4.0	.32	.32	3		
	9-14				11.20-1.50		0.12-0.16			1.24	.28		ļ	1
	14-38 38-42			15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9		.24	.32			
	30-42 		 			0.0000-0.2		 				 	l I]
Other Soils			i				i							

Table Jlb.--Physical Properties of the Soils--Continued

Map symbol	Depth	 Sand	 Silt	Clay		Permea-	 Available		 Organic	Erosi			erodi-	
and soil name 		 			bulk density	bility (Ksat)	water capacity			 Kw			bility group 	bility index
	In	Pct	Pct	Pct	g/cc	In/hr	_ In/in	Pct	Pct	¦	<u> </u>	¦	! !	
 Upshur 	0-5 5-29 29-43 43-47	0-20 	40-73 40-73 	40-55	 1.20-1.50 1.30-1.60 1.30-1.60 	0.06-0.2	0.12-0.16 0.10-0.14 0.08-0.12 	6.0-8.9	0.5-3.0 	.37 .32 .32 	.37 .32 .32 .32	 3 	 	 38
GxD:		 	 		 	 		 	 		 	 	 	
Urban Land	0-6													
Gilpin 	0-9 9-14 14-38 38-42	0-50 	50-83 	18-35	1.20-1.40 1.20-1.50 1.20-1.50	0.6-2	0.12-0.18 0.12-0.16 0.08-0.12	0.0-2.9	0.5-4.0	.32 .24 .24	.32 .28 .32 	 3 	 	
Other Soils					 			 				 		
 Upshur 	0-5 5-29 29-43 43-47	 		40-55	 1.20-1.50 1.30-1.60 1.30-1.60	0.06-0.2		6.0-8.9	0.5-3.0 	.37 .32 .32 	.37 .32 .32 .32	 3 	 	 38
Gy: Guyan	0-9 9-65	 0-50 	 50-83 		 1.20-1.40 1.25-1.55		 0.18-0.22 0.14-0.20		1.0-3.0	 .32 .37	 .32 .37	 4 	 	
 		 					i i		i 	i 	i 	i !	!	
Gz:			 		 			 	 		 	 	 	
Guyan 	0-9 9-65	0-50 	50-83 		1.20-1.40 1.25-1.55		0.18-0.22 0.14-0.20		1.0-3.0	.32 .37	.32 .37	4 	 	
Urban Land	0-6		 		 			 				 	 	
Other Soils					 			 				 		
Hu: Huntington	0-14 14-65		 50-83 		 1.10-1.30 1.30-1.50		 0.18-0.24 0.16-0.22			1 .28	 .28 .32	 5 	 	
Melvin					 			 				 	 	
KaA: Kanawha	0-11 11-65	23-52	 28-50 		 1.20-1.40 1.30-1.50		 0.16-0.22 0.14-0.18		2.0-4.0	 .32 .28	 .32 .28	 4 	 	 56
	0-11 11-65				 1.20-1.40 1.30-1.50		 0.16-0.22 0.14-0.18			 .32 .28	 .32 .28	 4 	 	 56

Table Jlb.--Physical Properties of the Soils--Continued

KnA: Kanawha	28-50 28-50 28-50	18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 10-20 18-35 10-20 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20	bulk density	0.6-2 0.6-2 0.6-2	water capacity	Dility O.0-2.9 O.0-2.9 O.0-2.9 O.0-2.9 O.0-2.9	Pct	Kw	.32 .28 .32 .28 .32 .28 .31 .32 .28 .31 .32 .32 .31 .32 .31 .31 .32 .31		bility group 	-
KnA: Kanawha	28-50 28-50 28-50 	10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 18-35 10-20 10-20 18-35 10-20 10-20 18-35 10-20 10-20 18-35 10-20		0.6-2 0.6-2 0.6-2 0.6-2 0.6-2 6-20		0.0-2.9 0.0-2.9 0.0-2.9 0.0-2.9 0.0-2.9	2.0-4.0 2.0-4.0 2.0-4.0 2.0-4.0 2.0-4.0 	.28 .32 .28 .32 .32 .28	.28 .32 .28 .32 .32 .28	 		 56
Kanawha	28-50 28-50 0-30	18-35 10-200 10-200 18-35 10-200	1.30-1.50 	0.6-2 0.6-2 0.6-2 0.6-2 6-20	0.14-0.18	0.0-2.9 0.0-2.9 0.0-2.9 0.0-2.9 	2.0-4.0	.28 .32 .28 .32 .32 .28	.28 .32 .28 .32 .32 .28	 		 56
11-65	28-50 28-50 0-30	18-35 10-200 10-200 18-35 10-200	1.30-1.50 	0.6-2 0.6-2 0.6-2 0.6-2 6-20	0.14-0.18	0.0-2.9 0.0-2.9 0.0-2.9 0.0-2.9 	2.0-4.0	.28 .32 .28 .32 .32 .28	.28 .32 .28 .32 .32 .28	 	 	 56
Kanawha	28-50 0-30	18-35 10-20 18-35 2-6 3-8	1.30-1.50 	0.6-2 0.6-2 0.6-2 6-20	0.14-0.18	0.0-2.9 0.0-2.9 0.0-2.9		.28 .32 .28 	.28 .32 .28 	 4 4 4 4 	 	
11-65	28-50 0-30	18-35 10-20 18-35 2-6 3-8	1.30-1.50 	0.6-2 0.6-2 0.6-2 6-20	0.14-0.18	0.0-2.9 0.0-2.9 0.0-2.9		.28 .32 .28 	.28 .32 .28 	4 4 4 4 	 	
Kanawha	 	18-35 2-6 3-8	1.30-1.50 	0.6-2 6-20	0.14-0.18	0.0-2.9	 	.28 	.28 	 4 	 	 56
11-72	 	18-35 2-6 3-8	1.30-1.50 	0.6-2 6-20	0.14-0.18	0.0-2.9	 	.28 	.28 	4 	 	56
Other Soils	,	3-8	1.30-1.50			0.0-2.9	 1.0-2.0	 	 	 	 	
LaC:	,	3-8	1.30-1.50			0.0-2.9	 1.0-2.0	 	 	 	 	
Lakin	,	3-8	1.30-1.50			0.0-2.9	 1.0-2.0					
10-50	,	3-8	1.30-1.50			0.0-2.9	1 1.0-2.0	1 1 7				
LlD:		T-3 I		6-20	10.04-0.08	0.0-2.9		.17	.17 .17	5 		
Lily 0-10 43-85 10-30		i	1.30-1.30	0-20	0.04-0.06	0.0-2.9	 	• ± /	.20 	 		
10-30	i	i	i i		i i		İ	İ	ĺ	İ	Ì	İ
30-38 38-42	0-50		1.20-1.40 1.25-1.35	2-6 2-6	0.09-0.16 0.12-0.18		0.5-4.0	.28 .28	.28 .28	2 		86
LlE:			1.25-1.35	2-6	0.08-0.17		1		.24		İ	
Lily 0-10 43-85 10-30 30-38				0.2-0.6						l ·		
10-30 30-38			 				 	 	l I	 	 	
30-38		1	1.20-1.40	2-6	0.09-0.16			.28	.28	2	i	86
1 22 22 1			1.25-1.35 1.25-1.35	2-6 2-6	0.12-0.18 0.08-0.17		 	.28	.28 .24			
				0.2-0.6								!
								1	I			
	50-831	15-27	 1.20-1.40	0.6-2	10.20-0.26	0.0-2.9	1 2.0-4.0	1 .32	I I .32	I I 5		
	i		1.20-1.40		0.17-0.22				.37	İ	İ	İ
35-65		18-35	1.20-1.40	0.2-6	0.12-0.18	0.0-2.9		.32	.32			
Melvin									 	 		
Lo:		i										
			1.20-1.40		0.20-0.24		1.0-3.0	.37	.37	5	5	56
5-35 35-65			1.25-1.60 1.20-1.60		0.17-0.22 0.12-0.18			.37 .37	.43 .43	 		
					1 1				ļ.	 .		

Table Jlb.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	 Sand	 Silt	Clay	 Moist bulk	Permea- bility	 Available water		Organic	i	on fac 		Wind erodi- bilitv	
and soff name					density	(Ksat)	capacity		Maccer	Kw			group	
I	————	Pct	Pct	Pct	 g/cc	In/hr	In/in	Pct	Pct		'	¦	 	
MaB:														
Markland	0-6	I 0-50 I		20-27	ı ∣1.30-1.45∣	0.6-2	10.22-0.24	I I N N=2 9	1.0-3.0	1 .43	ı ı.43	ا ا	I I 6	I 48
Parkiana	6-34				1.55-1.65		0.11-0.13				1.32		1	1 40
j	34-65	i i	j	35-50	1.55-1.70	0.06-0.2	0.09-0.11		i	.32	.32	İ	İ	İ
MaC:		 										 	 	
Markland		0-50	50-83		1.30-1.45		0.22-0.24		1.0-3.0		.43	3	6	48
I	6-34				1.55-1.65		0.11-0.13				1 .32			
 	34-65	 		35-50	1.55-1.70 	0.06-0.2	0.09-0.11	6.0-8.9 		.32 	.32 	 	 	
Me:		į į	İ		i i		i i		ĺ	ĺ	ĺ	İ	ĺ	İ
Melvin		0-50	50-83		1.20-1.60		0.18-0.23		0.5-3.0	1 .43	1 .43	5		56
l	9-27				1.30-1.60		0.18-0.23			1.43	1 .43			
 	27-65			7-35	1.40-1.70	0.6-2	0.16-0.23	0.0-2.9		1 .43	.43 	 	 	
MoB:		i i	i		i i		i		i	į	i	i	i	i
Monongahela		23-52	28-50		1.20-1.40	0.6-2	0.18-0.24		2.0-4.0		.43	3		56
I	6-23				1.30-1.50		0.14-0.18			1 .43	1.43			
	23-56 56-65		 		1.30-1.60 1.20-1.40		0.08-0.12				.49 .43	1	 	
1	30 03			10 33	1.20 1.40 	0.2 0.0	0.00 0.12	0.0 2.9	i	1 .57	.43		! 	
MoC:		į į	İ		i i		i i		ĺ	ĺ	ĺ	İ	ĺ	İ
Monongahela		23-52			1.20-1.40		0.18-0.24		2.0-4.0	1 .43	1 .43	3		56
 	6-23 23-56		 		1.30-1.50 1.30-1.60		0.14-0.18			1 .43	.43 .49			
	56-65				1.30-1.60		10.08-0.12				1 .43	 	 	
!	00 00	İ		10 00		0.2 0.0			i			İ	i	i
MuC:					I				L	1	1		I	1
Monongahela	0-6 6-23	23-52	28-50		1.20-1.40 1.30-1.50		0.18-0.24		2.0-4.0	1 .43	1 .43	3		56
 	23-56				1.30-1.50 1.30-1.60		0.14-0.18				1 .43	 	 	
!	56-65	i i			1.20-1.40		0.08-0.12				1 .43		İ	i
 Urban Land	0-6	 			 			 			 	 		
Other Soils							1		1			ļ	ļ.	ļ.
Other Solls					 									
Po:						0.6						_	Į.	
Pope	0-8 8-46	43-85	0-50		1.20-1.40 1.30-1.60	2-6 0.6-6	0.10-0.16		1.0-4.0	1 .28	.28 .28	5		86
 	8-46 46-65		 		1.30-1.60 1.30-1.60	0.6-6	0.10-0.18			1 .28	1 .28	 	I I	
 	10 00			5 20		0.00			İ	.20	1	İ	İ	
Atkins		İ			i							I		

Table Jlb.--Physical Properties of the Soils--Continued

Map symbol	Depth	 Sand	Silt	Clay	 Moist	Permea-	 Available				on fac		erodi-	
and soil name		 	 		bulk density	bility (Ksat)	water capacity			 Kw	 Kf		bility group	
		 Pct	 Pct	Pct	 g/cc	 In/hr	_ In/in	 Pct	 Pct	<u> </u>				
SoA:		 	 		 -	 -		 -	[[1	 	 		
Sensabaugh	0-6	23-52	28-50	8-25	1.25-1.40	0.6-6	0.12-0.18	0.0-2.9	1.0-3.0	.24	.24	I 5	i	i
	6-20				1.30-1.50		10.10-0.16	0.0-2.9		1.20	.24	i	i	i
	20-30				1.30-1.50		0.10-0.15		i	.17	.24	i	i	i
	30-65			12-38	1.25-1.50	0.6-6	0.08-0.14	0.0-2.9		.17	.20	İ	İ	į
SrB:		 	 		 	 	l I	 	 				 	
Sensabaugh	0-6	23-52	28-50	8-25	1.25-1.40	0.6-6	0.12-0.18	0.0-2.9	1.0-3.0	.24	.24	5		
I	6-20			18-35	1.30-1.50	0.6-6	0.10-0.16	0.0-2.9		1.20	.24			
	20-30			12-35	1.30-1.50	0.6-6	0.10-0.15	0.0-2.9		.17	.24			
	30-65			12-38	1.25-1.50	0.6-6	0.08-0.14	0.0-2.9		1.17	.20			1
SvC:		 	 		 	 		 						
Urban Land	0-6													
Other Soils								 						
 Sensabaugh	0-6	 23-52	28-50	8-25	1.25-1.40	 0.6-6	0.12-0.18	 0.0-2.9	1.0-3.0	1.24	1.24	I I 5		
I	6-20			18-35	1.30-1.50	0.6-6	0.10-0.16	0.0-2.9		1.20	.24			
	20-30			12-35	1.30-1.50	0.6-6	0.10-0.15	0.0-2.9		.17	.24			
	30-65			12-38	1.25-1.50	0.6-6	0.08-0.14	0.0-2.9		.17	.20			1
Vandalia	0-7	0-50	ı		1.20-1.50		0.12-0.18	3.0-5.9	1.0-3.0	1.37	1 .37	4	1 6	48
I	7-41				1.30-1.60		0.12-0.15			.32	1.32			
	41-65			27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9		1.32	.32			
Ud:			' ' 			 		 	! 					i
Udorthents														
UpC:			 			 		 						
Upshur		0-20	40-73	_, 00	1.20-1.50		0.12-0.16		0.5-3.0	.37	.37	3		38
I	5-29				1.30-1.60		0.10-0.14			1.32	1.32			
	29-43 43-47		 	27-45	1.30-1.60	0.06-0.2 0.0000-0.2	0.08-0.12	3.0-5.9		1 .32	1 .32	 		1
i		i i	i i				i		i	i	i	i	i	i
Ur:	0-6					 		 						
ordan Land	0-0		 											
Us:	0.6	[[<u> </u>	Į.		1	1	ļ.	ļ.	1	1
Urban Land	0-6	 	 		 	 		 	 					
Ashton	0-10	0-50			1.20-1.40		0.16-0.23		2.0-4.0	.32	.32	5	i	56
	10-50			10 01	1.20-1.50		0.18-0.23			.43				
	50-65			10-40	11.25-1.55	0.6-2	0.14-0.20	1 0.0-2.9		1.43	1 43	1	1	1

Table J1b.--Physical Properties of the Soils--Continued

Map symbol	 Depth	 Sand	Silt	Clay		Permea-	 Available	•	 Organic				erodi-	Wind erodi-
and soil name 	 	 			bulk density 	bility (Ksat)	water capacity 	•	matter 				bility group 	bility index
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct	i	i	i	i	i
Lindside 	 0-11 11-35 35-65		50-83 	18-35	 1.20-1.40 1.20-1.40 1.20-1.40	0.2-2	 0.20-0.26 0.17-0.22 0.12-0.18	0.0-2.9	i	.32 .37 .32	 .32 .37 .32	 5 	 	
Other Soils	 	 												
UwB: Urban Land	0-6	 												
Wheeling	0-9 9-43 43-65		28-50 	18-30	1.20-1.40 1.30-1.50 1.30-1.50	0.6-2	0.12-0.18 0.08-0.16 0.04-0.08	0.0-2.9		.37 .32 .20	.37 .32 .28	4	 	
Other Soils								ļ						
VaD:	 	 					l I	 	 	1	1	1	 	1
Vandalia	0-7 7-41 41-65		i	35-50	1.20-1.50 1.30-1.60 1.30-1.60	0.06-0.6	0.12-0.18 0.12-0.15 0.08-0.12	6.0-8.9		.32		4	6 	48
VuD:	 	 					i i		 	1	 		 	
Urban Land	0-6											ļ		
Vandalia 	 0-7 7-41 41-65			35-50	 1.20-1.50 1.30-1.60 1.30-1.60	0.06-0.6	 0.12-0.18 0.12-0.15 0.08-0.12	6.0-8.9	1.0-3.0	.37 .32 .32		 4 	 6 	 48
Other Soils	 	 							 					
W: Water	 	 						 	 		 	 	 	
WhB: Wheeling	 0-9 9-43 43-65	 23-52 	28-50 	18-30	 1.20-1.40 1.30-1.50 1.30-1.50	0.6-2	 0.12-0.18 0.08-0.16 0.04-0.08	0.0-2.9	i	.37 .32 .20	 .37 .32 .28 	 4 	 	